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RURAL DISTRICT COUNCIL  
OF BASFORD



---

ANNUAL REPORT  
*for*  
1948

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J. S. DRUMMOND

M.B., CH.B., D.P.H.

Medical Officer of Health



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# RURAL DISTRICT COUNCIL OF BASFORD

## YEAR 1948

*Chairman* ... **F. PENDLETON, Esq., J.P.**

*Vice-Chairman* ... **A. E. M. SHEPHERD, Esq., J.P.**

—oOo—

<i>Parishes</i>		<i>Councillors</i>			
*Annesley and Felley	...	Mr. K. Varnam	...	...	(3)
Awsworth	...	Mr. J. F. Aram	...	...	(5)
Barton	...	Mr. H. Plowright	...	...	(13)
Bestwood Park	...	Mrs. M. K. Mayes	...	...	(2)
*Bradmore	...	Mr. F. W. Carnell	...	...	(2)
Brinsley	...	Mr. J. T. Walters	...	...	(27)
Bunny	...	Mr. H. A. Ives	...	...	(6)
*Burton Joyce	...	Mr. J. C. Woodsend	...	...	(13)
*Calverton	...	Mr. C. E. Collyer, J.P.	...	...	(35)
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*Cossall	...	Mr. A. E. Daykin	...	...	(1)
Costock	...	Mr. T. H. Chadfield	...	...	(21)
East Leake	...	Mr. S. A. Crosland	...	...	(4)
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		Mr. W. F. Barber	...	...	(16)
*Kimberley	...	Mr. E. Curtis	...	...	(2)
		Mrs. J. Hill	...	...	(3)
Kingston-upon-Soar	...	Mr. R. H. Woodfield	...	...	(8)
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*Newstead	...	Mr. T. L. Turton	...	...	(2)
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Nuthall	...	Mr. E. V. Lane, J.P.	...	...	(12)
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		Mr. F. Barker	...	...	(12)
		Mr. F. Cooke, J.P.	...	...	(3)
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*Stoke Bardolph	...	Mr. A. R. Stone	...	...	(7)
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*Sutton Bonington	...	Mr. A. E. M. Shepherd, J.P.	...	...	(15)
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*Willoughby-on-the-Wolds	...	Rev. D. J. C. Speed-Andrews	...	...	(2)
*Woodborough	...	Mr. A. E. Foster, J.P.	...	...	(15)
*Wysall and Thorpe-in-the-Glebe	...	Mr. J. D. Walker, Jnr.	...	...	(2)

The number in parenthesis after each name represents number of years service.

\* *Members of the Health and General Purposes Committee :*

*Chairman of the H. and G. P. Committee :* **MR. J. T. WALTERS**

*Vice-Chairman* ... **MR. E. V. LANE, J.P.**

# Public Health Officers of the Local Authority



Medical Officer of Health and Medical Superintendent of the Isolation Hospital	J. S. DRUMMOND, M.B., Ch.B., D.P.H. (resigned—30th September, 1948).
Medical Attendant at Isolation Hospital	CHAS. E. HILL, M.B., Ch.B. (Edin.).
Matron of Isolation Hospital ...	Miss C. BEARD.
Chief Sanitary Inspector, Cleansing Superintendent, Petroleum In- spector and Canal Boats Inspector	V. V. YATES, (a), (d).
Sanitary Inspectors, Cleansing Super- intendents, Petroleum Inspectors and Canal Boats Inspectors	B. P. GARROD (b), (c). T. ALLWOOD (b), (c). A. C. E. PALMER (b), (c).
Clerk ... ..	JOHN DARBY
Junior Clerk ... ..	Miss H. J. WOODCOCK (resigned—September, 1948).
Shorthand Typist ... ..	Mrs. J. D. WITHERS (commenced—September, 1948).
Assistant Rodent Officer ... ..	J. L. SPRAY

(a) Certificate of the Royal Sanitary Institute for Sanitary Inspectors.

(b) Certificate of the Royal Sanitary Institute and Sanitary Inspectors Examination Joint Board

(c) Certificate of the Royal Sanitary Institute for Meat Inspectors

(d) Testamur of the Institute of Public Cleansing.

# ANNUAL REPORT

To the Rural District Council of Basford.

---

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my thirteenth Annual Report on the sanitary circumstances, health and vital statistics of your District throughout the year 1948.

The Report is again an Ordinary Report, and is written in conformity with the suggestions contained in the Ministry of Health Circular No. 3/49 dated 1st January, 1949, dealing with Annual Reports.

On the 5th July, 1949, the National Health Service Act, 1946, came into operation, and, opening up new and vast possibilities, it ushered in the era of Social Medicine. It brings to the work of the Medical Officer of Health an increased importance, for he will be responsible for bringing together the various pieces of the Act into a co-ordinated whole. It was not received with the same degree of popularity in all quarters. Indeed, in some it was most unpopular and particularly with those Authorities which were losing control of their Welfare Services or their Hospitals. Whether or not this mixed reception was justified time alone will tell. The fulfilment of its promise will be the measure of its success, and for this the responsibility rests on the Ministry of Health, the County and County Borough Councils and last, but by no means least, on the man in the street who can by careful use or abuse of its many great and valuable privileges make or break this statute. The impact of the National Health Service Act upon the work of this Council was, in comparison with other Authorities, relatively slight, but nevertheless, it did deprive you of the control of your Immunisation and Ambulance Services and of your excellent and valuable Infectious Disease Hospital.

It is interesting to note in passing that, under the National Health Service Act, the County Council is responsible in your District for the following Services in the administration of which, although you pay a yearly increasing County precept, you have no voice or say. The Services referred to are :—Maternity and Child Welfare ; Domiciliary Midwifery ; Health Visitors ; Home Nursing ; Home Helps ; Day Nurseries ; Immunisation and Vaccination ; Prevention of Illness, Care and After Care ; Health Centres ; Ambulance and Mental Health.



Whilst dealing with the subject of new legislation, I must make reference to two Acts of Parliament which were placed on the Statute Book during the year and which are in some respects complementary to the National Health Service Act. These were the National Assistance Act, 1948, which brought to an end the Statutory Provisions for the relief of the destitute by means of the Poor Law Acts ; and the Children's Act, 1948, among other things, makes better provision for the care of children deprived of the care of a parent.

In my Report for the year 1947, I was bold enough to state that the figures for new houses completed (100) indicates the substantial progress which will be made in 1948, as a result of the careful planning and progressive policy adopted. This seemingly optimistic observation has been more than justified by the completion of 533 new houses during 1948 and with the tempo of your housing programme still increasing, the years which immediately follow should see a substantial contribution to the solution of the housing problem. When this has been accomplished, the Council can again turn its attention to the demolition of dilapidated insanitary houses of which there are still too many in the district. Another problem is the saving of the many defective but repairable houses which are in danger of falling into immediate decay because of the difficulties in effecting urgently needed repairs. Vexatious delays have been caused by the reluctance of owners to spend money on houses with restricted, uneconomic rents and by the shortage of essential materials, but the position is showing slow signs of improvement.

A perusal of the Statistics will show that the Health of the District was maintained at a satisfactory level. A new low record Death Rate was established, and this, along with the low Infantile Mortality Rate, off-set to some extent the fall in the Birth Rate. There was an increase in the incidence of Scarlet Fever and Whooping Cough, but the figures for Measles showed a decline. These three diseases accounted for the bulk of the Infectious Disease occurring during the year. One case of Diphtheria occurred and unfortunately proved fatal. This child had not been immunised. I have inserted a table showing the decline of Diphtheria in this District since 1939. This is a mute testimonial to the efficiency and value of your Immunisation Service.

I desire to thank my colleagues in the other departments for their advice and expert opinion which has proved so valuable during the year, and to the Council for its ever ready assistance and untiring interest in the work of the Health Department. To all the members of the Public Health Staff I record and tender my gratitude.

I am indebted to Dr. A. C. Tibbits, County Medical Officer of Health, Mr. J. J. G. Ellis, Engineer, Surveyor and Housing Architect, and Mr. G. T. Belton, Rating and Valuation Officer, for information and assistance in compiling the statistics in the preparation of this Report.

I have the honour to be, Ladies and Gentlemen,

Your obedient servant,

J. S. DRUMMOND,  
*Medical Officer of Health.*



# STATISTICS AND SOCIAL CONDITIONS OF THE AREA

During the year the area remained as constituted on 1st April, 1935, when the Nottinghamshire County Review Order, 1934, came into force.

Area .....	71,571 acres
POPULATION :—Estimated by Registrar-General .....	47,730
Number of Inhabited Houses (April 1st, 1949) ..	14,462
Rateable Value (1st January, 1948) .....	£239,613
(31st December, 1948) .....	£224,244
Product of Penny Rate (31st March, 1947) .....	£921
(31st March, 1948) .....	£984

## EXTRACTS FROM VITAL STATISTICS OF 1948

### Births.

LIVE BIRTHS :	<i>Total</i>	<i>Male</i>	<i>Female</i>
Legitimate .....	754	416	338
Illegitimate .....	35	13	22
	<u>789</u>	<u>429</u>	<u>360</u>
	<u><u>789</u></u>	<u><u>429</u></u>	<u><u>360</u></u>

Birth Rate, per 1,000 population ..... 16·53

STILL BIRTHS :	<i>Total</i>	<i>Male</i>	<i>Female</i>
Legitimate .....	23	7	16
Illegitimate .....	1	—	1
	<u>24</u>	<u>7</u>	<u>17</u>
	<u><u>24</u></u>	<u><u>7</u></u>	<u><u>17</u></u>

Rate per 1,000 population ..... 0·50

Rate per 1,000 total (live and still) births 17·03

### Deaths.

	<i>Total</i>	<i>Male</i>	<i>Female</i>
	447	251	196
Death Rate per 1,000 population .....			9·37
Natural increase of population (excess of births over deaths) ..			342
Deaths from puerperal causes :—	<i>No.</i>	<i>Rate per 1,000 total births</i>	
Puerperal Sepsis .....	—	—	—
Other puerperal causes .....	1	1·23	

## INFANT MORTALITY

<i>Deaths of Infants under One year of age</i>				
		<i>Total</i>	<i>Male</i>	<i>Female</i>
Legitimate	.....	23	11	12
Illegitimate	.....	2	1	1
		<hr/>	<hr/>	<hr/>
		25	12	13
		<hr/>	<hr/>	<hr/>

Infant Mortality Rates (i.e., Deaths of Infants under one year per 1,000 live births) :—

Legitimate only	30·50
Illegitimate only	57·14
General	31·68

The corresponding rate for England and Wales is 34·00

## DEATHS FROM CERTAIN SELECTED CAUSES

	<i>No. of Deaths</i>		
	<i>Males</i>	<i>Females</i>	<i>Total</i>
Influenza	2	6	8
Violence	13	6	19
Diarrhoea (under 2 years)	2	1	3
Tuberculosis of Respiratory system	7	2	9
Tuberculosis (other forms)	3	1	4
Cancer	43	32	75
Whooping Cough	1	—	1
Diphtheria	—	1	1
Bronchitis	16	3	19
Pneumonia	5	7	12
Heart diseases	72	69	141

The annual variations of the Birth and Death Rates in the District are shown in the following table :—

	Year	Birth Rate	Death Rate	Infant Mort. Rate
BASFORD :				
	1934	14·18	11·4	37·37
	1935	16·08	11·08	41·85
	1936	15·03	11·9	47·54
	1937	16·35	10·50	57·47
	1938	16·00	10·79	36·43
	Average for 5 years	15·53	11·13	44·13
	1939	17·15	11·69	56·50
	1940	15·24	12·04	50·43
	1941	16·53	11·73	50·13
	1942	18·84	10·66	50·69
	1943	19·21	11·36	49·64
	Average for 5 years	17·39	11·50	51·48
	1944	20·99	11·68	42·39
	1945	20·15	11·15	30·44
	1946	20·45	10·63	36·04
	1947	20·54	11·11	29·63
	<b>1948</b>	<b>16·53</b>	<b>9·37</b>	<b>31·68</b>
	Average for 5 years	19·73	10·79	34·04

Comparative figures for England and Wales read as follows :—

1934	14·8	11·8	59
1935	14·7	11·7	57
1936	14·8	12·1	59
1937	14·9	12·4	58
1938	15·1	11·6	53
1939	15·0	12·1	50
1940	14·6	14·3	55
1941	14·2	12·9	59
1942	15·8	11·6	49
1943	16·5	12·1	49
1944	17·6	11·6	46
1945	16·1	11·4	46
1946	19·1	11·5	43
1947	20·5	12·0	41
<b>1948</b>	<b>17·9</b>	<b>10·8</b>	<b>34</b>

The following table compares various Rates in your area with those of England and Wales and selected groups of towns :—

BIRTH-RATES, DEATH-RATES and ANALYSIS OF MORTALITY { England and Wales, 126 County Boroughs and Great  
in the year, 1948. Towns, and 148 Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns)

	RATE PER 1,000 POPULATION		ANNUAL DEATH-RATE PER 1,000 POPULATION										RATE PER 1,000 LIVE BIRTHS		
	Live Births	Still-births	All Causes	Diphtheria	Influenza	Measles	Pneumonia	Acute Polio-myelitis & Polio-encephalitis	Scarlet Fever	Small-pox	Tuberculosis	Typhoid and Paratyphoid and Fevers	Whooping Cough	Diarrhoea and Enteritis (under Two years)	Total Deaths (under One year)
—															
England and Wales ...	17.9	0.42	10.8	0.00	0.03	—	0.41	0.01	—	—	0.51	0.00	0.02	3.3	3.4
126 County Boroughs and Great Towns, including London ...	20.0	0.52	11.6	0.00	0.03	—	0.38	0.01	—	—	0.59	0.00	0.02	4.5	3.9
148 Smaller Towns (estimated Resident Populations 25,000 to 50,000 at Census 1931)	19.2	0.43	10.7	0.00	0.04	—	0.36	0.01	—	—	0.46	0.00	0.02	2.1	3.2
London Administrative County	20.1	0.39	11.6	0.01	0.02	—	0.54	0.00	—	—	0.63	0.00	0.01	2.4	3.1
Basford ...	16.53	0.50	9.37	0.02	0.16	—	0.24	0.02	—	—	0.26	—	0.02	0.06	3.1.69



# GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

## Public Health Officers of the Authority.

A list giving their names and duties appears on page five of this Report.

## Laboratory Facilities.

Under the National Health Service Act, 1946, the County Council ceased to be responsible for this service after 5th July, 1948.

The number of types of specimens sent to the County Laboratories for bacteriological examination up to the 4th July, 1948, was as follows :

	<i>Number Submitted</i>	<i>Number Positive</i>	<i>Number Negative</i>
Throat swabs for Diphtheria	11	1	10
Sputa	8	1	7
Widal	4	1	3
Faeces	1	1	0
	—	—	—
Total	24	4	20
	==	==	==

## Ambulance Facilities.

An arrangement for the transport of emergency cases was made in 1935 with the Nottingham Corps of the St. John Ambulance Brigade and remained in operation until 4th July, 1948, after which date, in accordance with Section 20 (3) of the National Health Service Act, 1946, the Ambulance Service was taken over by the Nottinghamshire County Council.

The following is the record of service rendered by the various ambulances in the district from 1st January, 1948, to 4th July, 1948 :—

Nottingham Corps of the St. John Ambulance Brigade :	
No. of cases removed	11
Ruddington Corps of the St. John Ambulance Brigade :	
No. of cases removed	234
Nuthall Corps of the St. John Ambulance Brigade :	
No. of cases removed	192
Carlton Urban District Council Ambulance :	
No. of cases removed	27
Eastwood Urban District Council Ambulance :	
No. of cases removed	61
Basford Sanatorium Infectious Disease Ambulance :	
No. of cases removed during 1948 from :	
Basford Rural District	149
Other Local Authorities' Districts	15

## Home Nursing.

The general nursing of the sick in their houses has been undertaken by district nurses provided by the Nottinghamshire Nursing Federation and other voluntary organisations for the past 49 years. This Council did not pay or subsidise these nurses or Associations.

From the 5th July, 1948, the Nottinghamshire County Council became responsible, under Section 25 of the National Health Service Act, 1946, for the provision of this service throughout the whole district and have incorporated the services of the Nottinghamshire Nursing Federation and the other non-affiliated Associations in the proposals for carrying out this statutory function.

Parishes which in the past could not afford or did not have a District Nursing Service will in future, under these provisions, have their needs fully and adequately met.

## Midwives.

No. practising and residing in the Basford Rural District during 1948	15
No. practising in but residing outside the Basford Rural District .....	15
No. holding certificate of proficiency in administration of Gas and Air Analgesia .....	26
No. completed training in administration of Gas and Air Analgesia, but not yet passed examination	2

Gas and Air Analgesia during child-birth is available to all persons residing in the Rural District of Basford.

## Hospitals.

The facilities in the District remained the same as in 1947. Facilities were offered at your own Infectious Hospital for the isolation and treatment of all cases of scarlet fever, diphtheria and enteric fever occurring in the District, and agreements existed with most of the surrounding Districts for the reception of cases of these diseases, when accommodation was available.

Two hundred and ten cases were admitted into your Infectious Hospital during 1948, as compared with 110 last year, and 125, 218, 223, 245 and 237 in the preceding five years. These were made up as follows :—

	<i>From Basford District</i>	<i>From Outside Districts</i>	<i>Totals</i>
Scarlet Fever	151	51	202
Diphtheria	3	1	4
Cerebro-Spinal Meningitis	3	—	3
Infantile Paralysis	1	—	1
	<hr/> 158 <hr/>	<hr/> 52 <hr/>	<hr/> 210 <hr/>

The number of cases admitted into hospital from outside areas emphasizes the service that was rendered by your hospital to your neighbours.



The various parishes from which the Basford cases came are set out in Table 6.

There were no deaths in the Sanatorium during the year.

The distribution of the outside cases was as follows :—

District	Scarlet Fever	Diphtheria
Alfreton ... ..	1	—
Arnold ... ..	3	—
Beeston ... ..	9	—
Bingham ... ..	1	1
Carlton ... ..	14	—
Eastwood ... ..	8	—
Hucknall ... ..	2	—
Kirkby-in-Ashfield ...	2	—
West Bridgford ...	11	—
TOTALS ... ..	51	1

The monthly admissions are indicated in the following table :—

Month	BASFORD				OUTSIDE				TOTALS			
	Scarlet Fever	Diphtheria	Cerebro-Spinal Meningitis	Infantile Paralysis	Scarlet Fever	Diphtheria	Cerebro-Spinal Meningitis	Infantile Paralysis	Scarlet Fever	Diphtheria	Cerebro-Spinal Meningitis	Infantile Paralysis
January ... ..	9	1	1	—	4	—	—	—	13	1	1	—
February ... ..	7	1	1	—	4	—	—	—	11	1	1	—
March ... ..	8	—	1	—	10	—	—	—	18	—	1	—
April ... ..	8	—	—	—	5	—	—	—	13	—	—	—
May ... ..	9	—	—	—	3	—	—	—	12	—	—	—
June ... ..	36	—	—	—	—	—	—	—	36	—	—	—
July ... ..	13	—	—	—	5	—	—	—	18	—	—	—
August ... ..	11	—	—	1	1	—	—	—	12	—	—	1
September ... ..	16	—	—	—	4	—	—	—	20	—	—	—
October ... ..	9	—	—	—	5	—	—	—	14	—	—	—
November ... ..	12	—	—	—	5	—	—	—	17	—	—	—
December ... ..	13	1	—	—	5	1	—	—	18	2	—	—
TOTALS ... ..	151	3	3	1	51	1	—	—	202	4	3	1

The parishes and districts from which the cases, shown in the above two tables, were admitted are shown in table 8 on page 44.

# PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

## General.

The total number of cases of Infectious Disease notified during the year was 976 as compared with 848, 330, 1,019, 509 and 865 in the five years immediately preceding.

These cases are classified according to age groups in Table 5 and parochially in Table 6 :—

The total number of each disease notified was as follows :—

Cerebro-Spinal Meningitis	..	3
Diphtheria	.....	5
Erysipelas	.....	8
Measles	.....	496
Pneumonia	.....	29
Polio-Myelitis (Acute)	.....	2
Puerperal Pyrexia	.....	2
Scarlet Fever	.....	181
Tuberculosis	.....	27
Whooping Cough	.....	223
		<hr/>
		976
		<hr/>

175 infected premises were disinfected and disinfectants were supplied to infected households. In co-operation with the School Medical Service of the Nottinghamshire County Council, the contacts of school age were rigidly excluded.

## Cerebro-Spinal Meningitis.

Three cases of this disease, subsequently removed to hospital, were notified during the year.

## Diphtheria.

Only one case of this disease was confirmed during the year as compared with 7, 8, 13, 8 and 29 in the preceding five years.

Five suspected cases were admitted to the Sanatorium, but four of these subsequently proved to be negative ; the other case, a girl aged six years, died four days after admission. She had not been immunised.

Antitoxin is supplied free to all medical practitioners in your Area for home treatment of cases actually occurring within your district.

Eleven specimens of throat swabs from suspected cases of diphtheria were received for examination under the County Council scheme prior to 5th July, 1948.

The number of confirmed diphtheria cases and deaths from the disease in the area during the past ten years are as follows :—

<i>Year</i>	<i>No. of Cases</i>	<i>Deaths</i>
1939	130	8
1940	28	2
1941	50	3
1942	19	1
1943	29	—
1944	8	1
1945	13	1
1946	8	—
1947	7	—
1948	1	1

### Diphtheria Prophylaxis.

*Under 5 years    Ages 5-15*

Number of children who completed the full course of Immunisation in the Authority's area during 1948	1,560	293
Estimated Child Population under 15 years	4,350	7,270
Estimated percentage who had received full course on 31st December, 1948	81·93%	75·13%
Number of children who were notified as suffering from Diphtheria during the year (aged under 15)		4
Number of notifications subsequently confirmed		1
Number of confirmed cases which had not been immunised		1

### IMMUNISATION IN RELATION TO CHILD POPULATION

No. of Children who had completed a full-course of Immunisation at any time up to 31.12.48									
Age at 31.12.48 <i>i.e.,</i> born in Year	Under 1 1948	Age 1 1947	Age 2 1946	Age 3 1945	Age 4 1944	Ages 5-9 1939-43	Ages 10-14 1934-38	Total under 15 years of Age	Percent. of Child Populat. Under 15 years Immun- ised
Number immunised	18	495	558	525	620	2,738	2,611	7,565	
	Children under 5 years					Children 5-14 yrs.			
Estimated Child Pop. 1948	4,300					6,500		10,800	70·05%

### Measles.

During the year 496 cases of this disease occurred as compared with 610 in the preceding year. The disease was generally of a mild nature and no deaths occurred.

### Ophthalmia Neonatorum.

During the year no case of this disease was notified.

### Pneumonia.

Twenty-nine cases of Pneumonia were notified during the year, as compared with 21, 16, 18, 32 and 47 in the preceding five years.

Twelve deaths were due to this cause, the corresponding figures for the preceding five years being 17, 13, 13, 13 and 25.

### Acute Polio-Myelitis (Infantile Paralysis).

Two cases of this disease were notified during the year, one of which proved fatal.

### Puerperal Pyrexia.

During the year, two cases of this disease were notified.

### Scarlet Fever.

181 cases were notified during the year, as compared with 42, 76, 162, 215 and 90 in the five years immediately preceding. The disease was mild in type and no deaths resulted.

### Smallpox.

No cases of this disease were notified in 1948.

Number vaccinated against smallpox in the Authority's area during 1948 :—

<i>Under 5 years</i>	<i>5-15 years</i>	<i>Over 15 years</i>	<i>Total</i>
154	—	7	161

### Tuberculosis.

27 cases of all forms of this disease were notified during the year, as compared with 36, 37, 30, 26 and 35 during the previous five years.

The following table shows the age and sex distribution of the notified cases and deaths from tuberculosis during the year.

TUBERCULOSIS, 1948

Age Periods	New Cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0— ...	—	—	1	—	—	—	—	—
1— ...	—	1	—	1	—	—	1	—
5— ...	—	—	—	1	—	—	—	—
15— ...	4	5	—	3	1	1	—	—
25— ...	1	4	—	—	1	—	1	—
35— ...	1	2	—	—	1	1	—	—
45— ...	2	—	—	—	3	—	—	—
55— ...	—	—	—	—	1	—	—	—
65 and over	—	—	—	1	—	—	—	—
Unknown ...	—	—	—	—	—	—	1	1
TOTALS ...	8	12	1	6	7	2	3	1

Of the above 13 deaths, 11 had been previously notified.

## PULMONARY

No. of cases afforded treatment at Ransom Sanatorium	Number of cases receiving treatment at beginning of year.	Number of cases admitted during the year.	Number of cases receiving treatment at end of year.
.....	1	9	5

## NON-PULMONARY

	Number of cases receiving treatment at beginning of year.	Number of cases admitted during the year.	Number of cases receiving treatment at end of year.
Ransom Sanatorium .....	1	—	—
Harlow Wood Orthopaedic Hospital .....	2	3	3

No occasion arose during the year to take advantage of the powers afforded by the Public Health (Prevention of Tuberculosis) Regulations relating to persons suffering from pulmonary tuberculosis employed in the milk trade, nor under Section 172, of the Public Health Act 1936, which provides for the compulsory removal to hospital of persons suffering from tuberculosis.

**Whooping Cough.**

223 cases of Whooping Cough were notified during the year, one of which died from the disease.

**Prevention of Blindness.**

No action was taken during the year under the Public Health Act, 1925, Section 66, or the Public Health Act, 1936, Section 176.





# SANITARY CIRCUMSTANCES OF THE AREA

## A.—PUBLIC CLEANSING

### Arrangements for Storage of Household Refuse.

No. of houses provided with moveable receptacles (dustbins)	11,842
No. of houses provided with fixed receptacles (dry ashpits, privy middens, and closet pails)	1,984

During 1948, the closet accommodation at 4 houses was converted from privy middens or pail closets to water-closets and dustbins.

### Dustbins.

The Council's policy of supplying dustbins at a nominal rate was taken advantage of by property owners, and during the year 1,104 bins unfit for use were renewed.

### Refuse Collection.

This work is carried out with the Council's own staff with ten low-loading refuse collection vehicles, each vehicle being properly constructed and adequately covered for its purpose.

One 30 cwt. lorry is used and did work for other Departments on Sewage Works, Shortwood Camp, carting water, etc. Depots are now situated at Jacksdale, Kimberley and Ruddington.

Dustbin trucks are supplied to each vehicle in the colliery districts, but the workmen still prefer to shoulder the bins in the residential and agricultural areas.

Most of the District at the end of the year was having a weekly collection of refuse and this will be extended to all the Council's area as soon as labour is available.

### Refuse Disposal.

Refuse is disposed of by controlled tipping on the undermentioned tips :—

<i>Parish</i>	<i>Situation of Tip</i>	
Annesley	Annesley Park	} Loaned free of charge to the Council.
Greasley	Shortwood, Moorgreen	
Calverton	Bonner Lane, Calverton	
Lambley	Lowdham Lane, Lambley	
Bradmore	The Lane, Bradmore	
Woodborough	Bank Hill, Woodborough	} The property of the Council.
East Leake	Rempstone Road, East Leake	
Cossall	Adjoining sewage works	
Selston	Main Road, Jacksdale	
Kimberley	The Green, Kimberley	
Bestwood	Moor Lane, Bestwood	} Rented by the Council.
Burton Joyce	Crifftin Road, Burton Joyce	

The tipping of refuse on the National Coal Board land at the rear of Byron Road, Annesley, ceased on 20th January, 1948. A new site, a gravel pit, is now in use in Annesley Park.

Throughout the District about four acres of derelict land was reclaimed and put to good use.

The Council have secured a new tip at Beauvale, in the parish of Greasley.

### Salvage.

The staff and equipment employed on Salvage at the end of the year were as follows :—

2 Workpeople (part-time) ;

Three Paper Baling Presses (hand operated) are in use, one at each Depot.

Salvaged material sold to the 31st December, 1948, was :—

	<i>Tons</i>	<i>Cwts.</i>	<i>Qrs.</i>	<i>Lbs.</i>	£	s.	d.
Waste Paper ...	129	15	0	0	885	2	10
Ferrous Metals	3	1	3	0	7	6	10
Non-ferrous Metals	0	0	1	18		17	9
Rags, Sacking, etc.	2	18	2	21	39	0	10
Bones	0	10	1	14	2	15	1
Drums	—	—	—	—	6	14	0
	136	6	0	25	£941	17	4

### Cesspools.

The work done by the Council's Cesspool Emptier during 1948 was as follows :—

No. of cesspools emptied	696
No. of loads removed	751

### SUMMARY OF INCOME

31st March 1948, to 31st March, 1949

	£	s.	d.
Salvaged Materials	1,051	2	5
Cesspool Emptier	943	0	0
Cleansing Contracts, etc.	99	10	0
Profit on Dustbin Sales	145	12	6
Income from supplying water	57	9	9
Total	£2,296	14	8

### Sewerage and Sewage Disposal.

Work was commenced during the year on the laying of approximately 5,000 yards of nine-inch and six-inch stoneware pipe sewer in the Parish of Trowell, together with the installation of all necessary pumping plant, etc.

Work was also begun on the laying of approximately 1,000 yards of six-inch stoneware pipes, forming an extension of the sewer at Hall Green, Selston.



RESULTS OF THE ANALYSES OF SAMPLES OF FINAL EFFLUENTS TAKEN  
FROM THE SEWAGE DISPOSAL WORKS OF THE BASFORD RURAL  
DISTRICT COUNCIL DURING THE YEAR 1948

(Supplied by the courtesy of the County Medical Officer of Health)

Date 1948	Sewage Disposal Works	(Results in parts per 100,000)		County Council Classification
		Oxygen absorbed in 4 hours	Nitrates	
Feb. 10	Annesley	1.34	2.00	Fair
July 12		1.36	2.00	Fair
Oct. 26		1.04	2.00	Fair
May 19	Awsworth	2.04	2.00	Bad
July 19		1.46	2.00	Fair
Sept. 28		1.60	2.00	Unsatisfactory
May 25	Brinsley Gin	2.38	2.00	Bad
Aug. 16		2.04	2.00	Bad
July 19	Cossall	1.98	1.00	Unsatisfactory
Sept. 28		1.94	1.00	Unsatisfactory
Jan. 19	East Leake	0.50	2.00	Good
June 22		1.48	2.00	Fair
Oct. 4		0.70	2.00	Good
Jan. 19	Gotham	0.50	2.00	Good
Apr. 5		0.66	2.00	Good
June 22		0.56	2.00	Good
Oct. 4		0.36	2.00	Good
May 19	Kimberley	1.90	2.00	Unsatisfactory
July 19		1.18	2.00	Fair
Sept. 28		1.18	2.00	Fair
Feb. 10	Newstead	1.22	2.00	Fair
July 12		1.70	2.00	Unsatisfactory
Oct. 26		2.80	2.00	Bad
Apr. 5	Ruddington	0.40	2.00	Good
June 22		0.74	2.00	Good
Oct. 4		0.76	2.00	Good
May 25	Selston—Bagthorpe	2.18	2.00	Bad
Aug. 16		1.48	2.00	Fair
May 25	Selston—Beaufit Lane	2.06	2.00	Bad
Aug. 16		1.80	2.00	Unsatisfactory
May 25	Selston—Jubilee	0.84	2.00	Good
May 25	Selston—Underwood	2.68	2.00	Bad
Aug. 16		1.04	2.00	Fair
Jan. 19	Sutton Bonington	2.40	1.00	Bad
Apr. 5		2.20	2.00	Bad
Oct. 4		2.14	2.00	Bad

## SUMMARY :

<i>Satisfactory Effluents</i>	}	Good Effluents	10	
		Fair Effluents	10	
			—	20
<i>Unsatisfactory Effluents</i>	}	Unsatisfactory Effluents	6	
		Bad Effluents	10	
			—	16
		Total		36

Two samples were taken from the Basford R.D.C. and Eastwood U.D.C. Joint Sewage Disposal Works at Newthorpe, with the following results :—

<i>Date</i>	<i>Oxygen absorbed in 4 hours</i>	<i>Nitrates</i>	<i>County Council Classification</i>
July 19	3.04	1.00	Bad
Sept. 28	2.94	2.00	Bad

**Rivers and Streams.**

The Nottinghamshire County Council carry out the duties under the Rivers, Prevention of Pollution Acts, and for this purpose retain the services of a special Rivers Inspector.

**Rats and Mice Destruction Act, 1949.****Infestation Order, 1943. S. R. & O. 680.**

The following is a summary of the work performed during the year 1948 :—

	<i>Private Dwellings</i>	<i>Business Premises</i>	<i>Local Authority Premises</i>	<i>Total</i>
No. of complaints	185	3	67	255
„ „ surveys	165	3	53	221
„ „ visits	952	15	343	1,310
„ „ baits	3,088	—	4,937	8,025
„ „ poison baits	887	111	1,202	2,200
„ „ dead rats	190	—	535	725
„ „ estimated kill	761	—	1,597	2,358
„ „ re-inspections	91	11	11	113

The 111 points of poison bait on business premises were laid for mice ; there is no way of estimating the number killed, but the results on re-inspection were satisfactory.

All the sewers in the District were tested, and those found to be infested received two maintenance treatments in accordance with the requirements of the Ministry of Agriculture and Fisheries. 41 dead rats were recovered with an estimated kill of 123.

**Water.**

During the year, 15 samples of water from domestic supplies were submitted for chemical and bacteriological analyses and the results of these analyses are as follows :—

Parish	Source	Chemical	Bacteriological	Action taken
1 Greasley ...	Well ...	Unsatisfactory	Unsatisfactory	Main water supply provided
2 Costock ...	Well ...	Unsatisfactory	Unsatisfactory	Water carted by Council to householders
3 Willoughby	Well ...	Unsatisfactory	Unsatisfactory	Water carted by Council to householders
4 Ruddington ...	Well ...	Unsatisfactory	Unsatisfactory	Water to be boiled until main supply available
5 Newstead ...	Bore	Satisfactory ...	Satisfactory ...	—
6 Newstead ...	Bore	Satisfactory ...	Satisfactory ...	—
7 Newstead ...	Well ...	Satisfactory ...	Satisfactory ...	—
8 Annesley ...	Spring	Satisfactory ...	Satisfactory ...	—
9 Newstead ...	Bore	Satisfactory ...	Satisfactory ...	—
10 Nuthall ...	Well ...	Unsatisfactory	Unsatisfactory	Main water supply provided
11 Newstead ...	Well ...	Unsatisfactory	Unsatisfactory	Use of water discontinued
12 Newstead ...	Well ...	Unsatisfactory	Unsatisfactory	Water to be boiled until main supply available
13 Newstead ...	Bore	Satisfactory ...	Satisfactory ...	—
14 Bestwood ...	Well ...	Satisfactory ...	Satisfactory ...	—
15 Ruddington ...	Well ...	Unsatisfactory	Unsatisfactory	Main water supply provided

There are 39 parishes in the District and of these, six parishes—Kingston-on-Soar, Ratcliffe-on-Soar, Thorpe-in-the-Glebe, West Leake, Willoughby-on-the-Wolds, and Wysall—have no main water supply and depend entirely upon shallow wells. At Willoughby-on-the-Wolds, the water supply is most inadequate and during the year, 27,700 gallons of water were carted to the parish by the Council's vehicles. In addition, 14,550 gallons were also carted to the parish of Costock.

There are 583 houses in the Rural District without a piped water supply.

The Nottingham and Loughborough Corporations have continued the laying of water mains to afford an adequate supply of piped water to seven parishes in the Southern area of the Rural District.

In the parishes with a piped water supply the Nottingham Corporation supplies 27 parishes. Loughborough Corporation supplies 6 parishes, and the remaining parish is supplied in part by the Nottingham Corporation and private water suppliers. In all of these parishes the water supply was adequate in quantity and satisfactory in quality throughout the year. There are 13,034 (96%) houses provided with piped water supply and, except for the 213 houses fitted with stand-pipes, all have water supplied by a tap over the sink.

The following table shows the distribution throughout the District of the houses supplied by stand-pipes:—

<i>Parish</i>	<i>No. of stand-pipes</i>	<i>No. of houses</i>
Awsworth	5	6
Bestwood	1	1
Brinsley	1	1
Burton Joyce	4	7
Calverton	4	13
Cossall	2	5
Gotham	2	10
Greasley	4	8
Kimberley	6	24
Nuthall	1	4
Ruddington	6	13
Selston	41	64
Sutton Bonington	4	17
Stanford-on-Soar	8	9
Strelley	1	1
Trowell	5	25
Woodborough	3	5
	<hr/> 98	<hr/> 213

### **Sanitary Inspection of the Area.**

The Sanitary Officers Order, 1935, requires the Sanitary Inspectors, as soon as practicable after the 31st December in each year to furnish the Medical Officer of Health with reports upon their work during the year. These are reproduced herewith:—

	<i>Under Public Health Act, 1936</i>	<i>Under Housing Act, 1946</i>
Statutory Notices served	10	67
„ „ complied with	44	49
Preliminary Notices served		1,565
„ „ complied with		1,860
Number of inspections and re-inspections made for housing defects		10,586
Complaints received and investigated		305
Personal interviews with owners and agents		1,340
Samples of water taken for analysis		15
Number of inspections made in connection with Public Cleansing		2,665
Number of Council houses inspected		929

The following are the principal matters dealt with.—

Orders served to :—

Reconstruct, repair or cleanse drains	365
Connect drains to sewer	17
Connect to public water supply	28
Provide internal water supplies	17
Provide proper sinks and wastepipes	20
Repair or renew sinks and wastepipes	78
Provide additional closet accommodation	13
Convert privies or pails to waterclosets	33
Convert privies to pails	4
Repair or renew waterclosets and flushing cisterns	215
Repair or cleanse cesspools	433
Renew sanitary pans	31
Renew dustbins	698
Provide dustbins in lieu of ashpits	17
Repair roofs and remedy dampness	407
Provide or repair eaves, gutters and fall pipes	185
Repair or renew external walls	164
Repair or renew chimney stacks or provide pots	116
Provide or repair yard paving	95
Provide or repair coal stores	14
Repair or renew outbuildings	44
Repair or renew house windows and doors	298
Repair or renew house floors	203
Repair or renew internal walls and ceilings	358
Repair staircases, provide handrails, etc.	28
Provide or repair cooking ranges	175
Provide or repair firegrates	85
Provide or repair washing boilers	85
Provide adequate light and ventilation to food store	1
Cleanse dirty and verminous premises	5
Remove offensive accumulations	3
Cleanse foul dykes	1
Miscellaneous	180



### **Shops Act, 1934.**

Action was taken during the year under the provisions of the Shops Act, 1934, relating to ventilation and temperature of shops and to sanitary conveniences under the following headings :—

No. of complaints received	1
No. of inspections made	5
No. of unsatisfactory conditions found	Nil

### **Smoke Abatement.**

It has not been necessary to take any statutory action during the year for the abatement of smoke nuisances.

No. of observations taken	58
---------------------------	----

In one instance, the volume of smoke emitted was excessive. On representations being made to the owner, a new boiler was installed and with more careful firing, the nuisance was abated.

### **Swimming Baths and Pools.**

In the Basford Rural District, there are two open-air swimming pools. The water is treated with chloride of lime and the pools are emptied and cleaned weekly.

A sample of water from the swimming pool at Woodborough was submitted to Chemical and Bacteriological analyses and was found to be satisfactory.

### **Tents, Vans and Sheds.**

1. Number of sites used for camping purposes during 1948	Nil
2. Number of camping sites licensed by Local Authorities ' under Section 269 of the Public Health Act, 1936	Nil
3. Estimated maximum number of campers resident at one time during the summer season 1948	Nil

## CANAL BOATS

Canals and waterways in the Council's area are situate in the Parishes of Awsworth, Barton-in-Fabis, Brinsley, Burton Joyce, Clifton, Cossall, Greasley, Kimberley, Normanton-on-Soar, Stoke Bardolph and Sutton Bonington.

Numerous visits have been made to the canals, towpaths, locks, and river banks, but the number of boats inspected was nil.

## PETROLEUM

### **Petroleum Acts, 1871 to 1928.**

Number of licences issued to store Petroleum during 1948	88
Number of licences issued to store Carbide of Calcium during 1948	8
Total storage capacity for Petroleum Spirit	91,300 galls.
Total storage capacity for Carbide of Calcium	9,944 lbs.
Total fees collected	£58 0s. 0d.

All new underground tanks are subjected to a pressure test of 5 lbs. per square inch before approval.

Two hundred and forty-seven inspections of the licenced premises have been made during the year, and all were found to be kept in accordance with the conditions of the licence.

## HOUSING

Number of plans for new houses submitted during the year	104
Number of houses erected during the year :—	
(a) Total (including numbers given separately under (b))	533
(b) With State assistance under the Housing Acts :—	
(1) By the Local Authority :—	
184 Traditional Type	}
177 Aluminium Bungalows	
106 B.I.S.F. Houses	
24 Airey Rural Houses	
(2) By other Local Authorities	5
(3) By other bodies or persons	7

### 1.—Inspection of Dwelling-houses during the year :

(1) (a) Total Number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	3,388
(b) Number of inspections made for the purpose	10,586
(2) (a) Number of dwelling-houses (included under sub-heading (1) above), which were inspected and recorded under the Housing consolidated Regulations, 1936	Nil
(b) Number of inspections made for the purpose	Nil
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	8
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	2,455

### 2.—Remedy of Defects during the year without service of formal Notice :

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	1,758
---	-------

### 3.—Action under Statutory Powers during the Year :

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	71
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By owners	49
(b) By Local Authority in default of owners	1



## B.—Proceedings under Public Health Acts :—

- |  |     |
|--|-----|
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | 8   |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices :—        |     |
| (a) By owners  | 29  |
| (b) By Local Authority in default of owners  | Nil |

## C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

- |   |   |
|---|---|
| (1) Number of dwelling-houses in respect of which Demolition Orders were made | 5 |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders    | 3 |
| (3) Number of dwelling-houses demolished in pursuance of Clearance Orders     | 5 |

## D.—Proceedings under Section 12 of the Housing Act, 1936 :—

- |   |     |
|---|-----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made  | Nil |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | Nil |

**4.—Housing Act, 1936.—Part IV.—Overcrowding.**

- |  |     |
|--|-----|
| (a) (1) Number of dwellings overcrowded at the end of the year   | 32  |
| (2) Number of families dwelling therein  | 43  |
| (3) Number of persons dwelling therein   | 271 |
| (b) Number of new cases of overcrowding reported during the year   | 5   |
| (c) (1) Number of cases of overcrowding relieved during the year   | Nil |
| (2) Number of persons concerned in such cases  | Nil |
| (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding | Nil |
| (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report                   | Nil |

### Disinfestation of Verminous Premises.

The control and eradication of vermin and other pests is actively undertaken in this district.

The following are particulars of the number of houses infested and disinfested during 1948 :—

Vermin or Pest	No. of houses disinfested		
	Council	Private	Total
Ants ...	2	38	40
Beetles ...	9	13	22
Bugs ...	—	6	6
Fleas ...	—	2	2
Silver Fish ...	1	6	7
Wasps ...	—	1	1
TOTALS ...	12	66	78

# INSPECTION & SUPERVISION OF FOOD

## Milk Supply.

Systematic inspections of farms, dairies and of cattle were carried out during the year, and various notices served as set out below in order to secure the remedy of various kinds of defects thus discovered :

### Work under the Milk and Dairies Order, 1926.

	<i>Number</i>
Visits to Cowsheds	668
Number of New Cowsheds erected	1
Orders to :—	
provide light and ventilation	8
re-pave yards	9
provide proper drainage	9
limewash premises	53
re-construct cowsheds	10
remove accumulations of manure	12
repair or re-construct cowshed floor	13
provide proper dairy	5
provide or improve water supply	3
render internal walls	5
renew mangers	10
provide stall divisions	9

The duty of taking samples of milk for the purposes of determining the bacterial purity and the presence of tubercle bacilli is performed by the County Council.

There are 414 cowkeepers and purveyors of milk on the Register : these are classified as follows :—

Cowkeepers and Milk Purveyors	390
Milk Purveyors only	24

Licences under the Milk (Special Designations) Order, 1936, were issued as follows :—

Licences to sell " Pasteurised " Milk	15
Licences to sell " Tuberculin Tested " Milk	7
Licenced to produce and sell " Pasteurised " Milk	2

## Accredited Milk Producers.

At the end of the year, there were in your area 47 accredited milk producers and 14 producers of Tuberculin Tested milk.

During the year, 371 samples of Accredited milk and 139 of Tuberculin Tested milk were taken by the County Council's Milk Sampling Officers.

No accredited licences were revoked for failure to maintain the required standard during 1948.

## Slaughterhouses.

1,037 visits were paid to meat allocation centres and butchers' shops during the year by your Inspectors.

There are no knackers yards or public slaughterhouses in the District.

### Slaughter of Animals Act, 1933.

68 persons were licensed as slaughterers under the provisions of the Act.

### Meat and Food Inspection.

During the year, the following foods were surrendered as being unfit for human consumption :—

<i>Foodstuff</i>	<i>lbs.</i>
Almond Substitute Powder ... ..	28
Apricots (2 tins) ... ..	—
Bacon (1 tin) ... ..	1
Beef, Minced ... ..	40
Biscuits ... ..	92
Cake Mixture ... ..	6
Cake, Slab ... ..	25
Cereal ... ..	401½
Cheese ... ..	7
Chocolates ... ..	12
Confection Crisps ... ..	28
Cornflour ... ..	3
Custard Powder ... ..	6
Dates ... ..	448
Fish Fillets ... ..	7
Haddock ... ..	28
Hake ... ..	56
Irish Stew (tinned) ... ..	768
Meat Pies ... ..	112
Milk, Dried ... ..	56
Mussels (23 tins) ... ..	—
Peas (1 tin) ... ..	—
Pig's Head (1) ... ..	20
Pigs' Livers (2) ... ..	5
Pig's Offal and Mesenteric Fat ... ..	20
Plaice ... ..	14
Potato Powder ... ..	60¾
Pudding Mixture ... ..	1
Salmon (1 tin) ... ..	—
Sausage Meal ... ..	122
Saylac Powder ... ..	23
Sweets ... ..	12
Tomatoes, Fresh ... ..	8
Tomatoes, Tinned (6 tins) ... ..	—
Veal Loaf (1 tin) ... ..	¾
Whiting ... ..	28
	<hr/>
	2,439

= 1 ton 1 cwt., 3 qrs. 3 lbs.

### ICE CREAM.

No. registered for manufacture of Ice Cream	21
No. registered for sale of Ice Cream	65
No. of Inspections	180
No. of defects found	2
No. of defects remedied	2

The Ice Cream Heat Treatment Regulations were enforced insofar as the supply of equipment and recording thermometers would allow. Some small manufacturers were persuaded to be registered for the sale only of this commodity and to cease manufacture owing to the unsuitability of premises and the difficulties in complying with the Regulations.

#### **Other Foods.**

All premises where food is stored or prepared for sale are regularly visited by members of your Staff. They are being conducted in a proper manner, and no infringements of Regulations were discovered.

There are no underground bakehouses in the District.

#### **FOOD POISONING.**

There were no outbreaks of food poisoning during the year.



# STATISTICAL TABLES

TABLE 1.

## Causes of Death, 1948

All causes	Male 251	Female 196
1. Typhoid and Paratyphoid	—	—
2. Cerebro-spinal Fever	—	—
3. Scarlet Fever	—	—
4. Whooping Cough	1	—
5. Diphtheria	—	1
6. Tuberculosis of respiratory system	7	2
7. Other forms of Tuberculosis	3	1
8. Syphilitic diseases	3	—
9. Influenza	2	6
10. Measles	—	—
11. Acute Polio-myelitis and Polio- encephalitis	1	—
12. Acute Infantile Encephalitis	—	—
13. Cancer of buccal cavity, oesophagus (M) and uterus (F)	3	4
14. Cancer of stomach and duodenum	6	3
15. Cancer of breast	—	5
16. Cancer of all other sites	34	20
17. Diabetes	—	—
18. Intra-cranial vascular lesions	29	25
19. Heart disease	72	69
20. Other diseases of circulatory system	4	6
21. Bronchitis	16	3
22. Pneumonia	5	7
23. Other respiratory diseases	5	3
24. Ulcer of stomach or duodenum	3	2
25. Diarrhoea under 2 years	2	1
26. Appendicitis	2	—
27. Other digestive diseases	8	4
28. Nephritis	8	1
29. Puerperal and post-abortion sepsis	—	—
30. Other maternal causes	—	1
31. Premature birth	5	1
32. Congenital malformations, birth injuries and Infantile diseases	3	6
33. Suicide	3	1
34. Road traffic accidents	4	1
35. Other violent causes	6	4
36. All other causes	16	19



**TABLE 2.** Ages at which Death occurred

1948 AGE GROUPS	January	February	March	April	May	June	July	August	September	October	November	December	TOTALS
Under 1 year	2	2	1	2	4	1	2	1	2	1	2	5	25
1 and under 2	—	1	—	1	—	—	—	—	—	—	1	—	3
2 and under 5	1	—	1	1	1	—	—	—	—	—	—	—	4
5 and under 15	—	1	—	—	1	—	—	—	—	—	2	1	5
15 and under 25	—	—	2	1	—	—	—	2	—	1	2	1	9
25 and under 45	1	2	4	2	4	2	3	3	5	3	4	4	37
45 and under 65	12	10	5	8	5	7	5	9	12	4	9	10	96
65 and under 75	6	13	8	6	7	6	9	7	7	12	6	19	106
75 and under 80	2	10	4	8	4	2	5	4	6	10	4	8	67
80 and under 90	7	6	5	8	6	9	5	4	5	8	8	13	84
90 and under 100	2	1	2	1	1	1	2	—	—	—	1	—	11
TOTALS	33	46	32	38	33	28	31	30	37	39	39	61	447

**TABLE 3.** Deaths 1948, Parochially Distributed

	January	February	March	April	May	June	July	August	September	October	November	December	TOTALS
Annesley ...	—	—	—	1	—	1	—	2	1	—	1	2	8
Awsorth ...	1	—	—	1	1	2	1	1	3	3	1	5	19
Barton ...	—	—	—	2	—	—	—	—	—	—	—	1	3
Bestwood Park ...	—	—	—	1	—	—	1	—	—	—	—	1	3
Bradmore ...	—	—	—	—	—	—	—	1	—	—	—	—	1
Brinsley ...	3	3	2	3	2	4	3	—	1	1	4	3	29
Bunny ...	2	1	—	—	—	—	1	—	—	—	2	1	7
Barton Joyce ...	2	5	2	—	2	3	1	1	1	1	5	1	24
Calverton ...	—	1	—	1	—	—	—	2	1	1	2	2	10
Clifton ...	—	1	—	—	1	—	—	—	—	—	—	2	4
Cossall ...	1	1	—	—	—	—	—	—	1	2	—	1	6
Costock ...	1	—	1	—	—	—	—	—	1	—	—	2	5
East Leake ...	2	—	1	1	2	2	—	2	2	3	1	1	17
Felley ...	—	—	—	—	—	—	—	—	—	1	—	—	1
Gotham ...	—	1	—	—	3	—	2	—	—	—	—	5	11
Greasley ...	3	2	3	5	1	2	5	4	3	5	1	2	36
Kimberley ...	2	5	4	5	6	2	2	1	5	3	2	4	41
Kingston-upon-Soar ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Lambley ...	1	1	1	—	—	—	1	1	1	—	1	1	8
Linby ...	1	—	1	—	—	—	—	1	—	—	1	—	4
Newstead ...	1	3	—	2	1	—	1	1	3	1	1	1	15
Normanton-upon-Soar ...	1	—	—	—	1	—	—	—	1	1	—	—	4
Nuthall ...	2	3	3	1	2	3	—	1	1	—	3	3	22
Papplewick ...	—	1	—	—	2	—	—	—	—	—	2	1	6
Ratcliffe-upon-Soar ...	—	1	—	—	—	—	1	1	—	—	—	—	3
Rempstone ...	—	—	1	1	—	—	—	1	—	—	—	—	3
Ruddington ...	4	4	3	2	4	2	2	2	1	5	2	6	37
Selston ...	4	7	9	9	3	2	8	6	7	8	7	13	83
Stanford-upon-Soar ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Stoke Bardolph ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Strelley ...	—	—	—	—	—	—	—	—	1	—	—	—	1
Sutton Bonington ...	1	2	—	1	1	1	—	—	—	—	2	1	9
Thorpe-in-the-Glebe ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Thrumpton ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Trowell ...	1	2	—	2	1	2	—	1	2	—	1	—	12
West Leake ...	—	—	—	—	—	—	—	—	—	—	—	1	1
Willoughby-on-the-Wolds ...	—	1	—	—	—	2	1	—	—	2	—	—	6
Woodborough ...	—	—	—	—	—	—	1	1	1	1	—	1	5
Wysall ...	—	1	1	—	—	—	—	—	—	1	—	—	3
TOTALS	33	46	32	38	33	28	31	30	37	39	39	61	447

TABLE 4.

## Causes of Death during the Last Ten Years

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
1. Typhoid and Paratyphoid ...	—	—	1	—	1	—	—	—	—	—
2. Cerebro-spinal Fever ...	1	2	1	—	1	—	—	—	1	—
3. Scarlet Fever ...	1	—	—	—	1	1	—	—	—	—
4. Whooping Cough ...	1	1	—	—	—	1	—	1	—	1
5. Diphtheria ...	8	2	3	1	—	1	1	—	—	1
6. Tuberculosis of the Respiratory System ...	20	21	29	17	22	20	8	14	18	9
7. Other forms of Tuberculosis	1	7	4	3	4	2	4	5	7	4
8. Syphilitic Diseases ...	2	1	2	1	3	—	2	3	4	3
9. Influenza ...	11	15	8	6	15	8	4	14	9	8
10. Measles ...	—	1	—	1	1	—	—	—	—	—
11. Acute Polio-myelitis and Polio-encephalitis ...	1	2	2	3	1	—	—	—	3	1
12. Acute Infantile Encephalitis										
13. Cancer of buccal cavity, oesophagus (M) & uterus (F)								8	4	7
14. Cancer of stomach and duodenum ...	68	56	68	66	47	64	76	13	15	9
15. Cancer of breast ...								9	3	5
16. Cancer of all other sites ...								48	53	54
17. Diabetes ...	9	8	9	2	3	6	5	4	4	—
18. Intra-cranial vascular lesions	37	52	56	54	61	63	68	58	65	54
19. Heart diseases ...	104	119	113	105	117	149	139	113	135	141
20. Other diseases of circulatory system ...	22	5	7	8	9	14	9	14	14	10
21. Bronchitis ...	29	50	31	24	31	23	25	25	39	19
22. Pneumonia ...	22	27	32	17	25	13	13	21	17	12
23. Other respiratory diseases ...	14	13	11	6	5	7	10	12	3	8
24. Ulcer of stomach & duodenum	6	6	5	8	2	4	3	4	6	5
25. Diarrhoea under 2 years ...	2	1	2	3	2	—	4	—	3	3
26. Appendicitis ...	—	—	2	1	4	2	2	—	1	2
27. Other digestive diseases ...	15	12	16	8	10	10	10	5	9	12
28. Nephritis ...	13	10	6	13	12	10	3	6	5	9
29. Puerperal and post-abortive sepsis ...	—	1	—	—	2	1	2	—	—	—
30. Other maternal causes ...	1	1	—	—	1	—	1	2	2	1
31. Premature birth ...								8	7	6
32. Congenital malformations, birth injuries & Infantile diseases ...	27	26	25	28	24	30	16	14	14	9
33. Suicide ...	4	5	2	3	4	1	6	3	6	4
34. Road traffic accidents ...	32	34	28	23	30	23	18	5	6	5
35. Other violent causes ...								13	8	10
36. All other causes ...	74	72	78	78	62	59	62	67	50	35
	525	548	541	479	500	512	491	489	511	447

**TABLE 5.** Infectious Diseases Notified, 1948 (AGE GROUPS)

Disease	Under 1 Year	Over 1 and under 3	Over 3 and under 5	Over 5 and under 10	Over 10 and under 15	Over 15 and under 25	Over 25 and under 45	Over 45 and under 65	Over 65	Totals
Cerebro-Spinal Meningitis	—	—	—	—	—	—	—	3	—	3
Diphtheria*	—	1	1	2	1	—	—	—	—	5
Erysipelas	—	—	—	—	—	—	2	3	3	8
Measles	21	99	131	229	8	4	4	—	—	496
Pneumonia	—	—	—	1	3	6	7	10	2	29
Polio-Myelitis :— Acute (Infantile Paralysis)	—	—	2	—	—	—	—	—	—	2
Puerperal Pyrexia	—	—	—	—	—	2	—	—	—	2
Scarlet Fever	—	11	33	90	34	10	3	—	—	181
Tuberculosis :— (a) Pulmonary : { M. { F.	—	—	—	—	—	4	2	2	—	8
	—	—	1	—	—	5	6	—	—	12
(b) Non-pulmonary { M. { F.	1	—	—	—	—	—	—	—	—	1
	—	1	—	1	—	3	—	—	1	6
Whooping Cough	19	52	63	81	1	2	5	—	—	223
TOTALS	41	164	231	404	47	36	29	18	6	976

\* Four cases subsequently proved to be negative.

TABLE 6.

## Infectious Diseases notified during 1948

PARISH	CASES NOTIFIED										REMOVED TO HOSPITAL			
	Cerebro-Spinal Meningitis	Diphtheria	Erysipelas	Measles	Pneumonia	Acute Polio-Myelitis	Puerperal Pyrexia	Scarlet Fever	Tuberculosis	Whooping Cough	Cerebro-Spinal Meningitis	Diphtheria	Acute Polio-Myelitis	Scarlet Fever
Annesley ...	—	—	—	22	2	—	1	1	1	13	—	—	—	—
Awsorth ...	—	—	2	3	—	—	—	8	—	2	—	—	—	5
Barton ...	—	—	—	4	—	—	—	1	—	2	—	—	—	—
Bestwood Park ...	1	1	1	6	2	—	—	1	1	6	1	1	—	—
Bradmore ...	—	—	—	3	—	—	—	1	—	1	—	—	—	1
Brinsley ...	—	1	—	10	3	—	—	4	1	6	—	1	—	2
Bunny ...	—	—	—	8	1	—	—	1	—	—	—	—	—	1
Burton Joyce ...	—	—	—	46	1	—	—	3	—	16	—	—	—	—
Calverton ...	—	—	—	10	—	—	1	—	—	16	—	—	—	—
Clifton ...	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Cossall ...	—	—	2	2	—	—	—	2	—	1	—	—	—	1
Costock ...	—	—	—	4	1	—	—	1	1	—	—	—	—	1
East Leake ...	—	—	—	19	2	—	—	3	2	32	—	—	—	—
Felley ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gotham ...	—	—	1	40	3	—	—	2	—	17	—	—	—	3
Greasley ...	—	—	—	40	1	—	—	22	1	13	—	—	—	17
Kimberley ...	—	1	1	26	—	—	—	60	2	—	—	1	—	65
Kingston-upon-Soar ...	—	—	—	1	—	—	—	1	—	—	—	—	—	—
Lambley ...	—	—	—	3	—	—	—	1	2	2	—	—	—	—
Linby ...	—	—	—	—	—	—	—	—	1	3	—	—	—	—
Newstead ...	—	—	—	53	3	—	—	4	—	27	—	—	—	—
Normanton-on-Soar ...	—	—	—	2	—	—	—	—	—	3	—	—	—	—
Nuthall ...	—	1	—	11	1	—	—	12	—	2	—	1	—	8
Papplewick... ..	—	—	—	2	—	—	—	1	—	4	—	—	—	1
Ratliffe-upon-Soar ...	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Rempstone ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ruddington ...	—	—	—	60	—	1	—	2	1	10	—	—	—	3
Selston ...	2	1	—	79	5	—	—	42	3	15	2	1	1	38
Stanford-upon-Soar ...	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Stoke Bardolph ...	—	—	—	—	—	—	—	1	—	6	—	—	—	—
Strelley ...	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Sutton Bonington ...	—	—	1	16	2	1	—	1	3	13	—	—	—	1
Thorpe-in-the-Glebe ...	—	—	—	—	—	—	—	2	—	—	—	—	—	2
Thrumpton... ..	—	—	—	—	—	—	—	1	1	—	—	—	—	1
Trowell ...	—	—	—	3	—	—	—	2	3	5	—	—	—	1
West Leake ...	—	—	—	1	1	—	—	—	—	2	—	—	—	—
Willoughby-on-the-Wolds ...	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Woodborough ...	—	—	—	19	—	—	—	1	2	4	—	—	—	—
Wysall ...	—	—	—	2	1	—	—	—	—	—	—	—	—	—
TOTALS ...	3	*5	8	496	29	2	2	181	27	223	3	5	1	151

\* 4 cases subsequently proved to be negative.

**TABLE 7.**

# Prevalence of Infectious Disease during the last ten years

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Small Pox	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	189	79	90	55	90	215	162	76	42	181
Diphtheria	130	28	50	19	29	8	13	8	7	5
Enteric Fever	1	3	7	1	1	—	—	—	—	—
Erysipelas	18	16	11	8	12	11	15	12	5	8
Dysentery	—	—	—	—	—	2	3	—	—	—
Puerperal Pyrexia	7	2	7	3	4	6	1	2	—	2
Ophthalmia Neonatorum	2	1	1	4	1	5	—	2	3	—
Pneumonia	43	41	41	48	47	32	18	16	21	29
Tuberculosis	36	33	57	39	35	26	30	37	36	27
Cerebro-spinal meningitis	2	8	6	3	3	2	—	1	6	3
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—
Polio-Encephalitis	—	—	—	1	—	—	—	—	—	—
Polio-Myelitis	3	—	—	—	—	2	2	1	7	2
Measles	—	1158	463	347	557	90	669	117	610	496
Rubella	—	—	—	—	—	—	—	—	2	—
Whooping Cough	10	93	213	42	86	110	106	58	88	223
Food Poisoning	—	—	—	—	—	—	—	—	21	—
TOTALS	441	1462	946	570	865	509	1019	330	848	976



TABLE 8.

## Sanatorium Monthly Admissions, 1948

PARISH	JANUARY		FEBRUARY		MARCH		APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DECEMBER	
	Sc. Fever	Diph.	CSM.	Sc. Fever	Diph.	CSM.	Sc. Fever	Sc. Fever	Sc. Fever	Sc. Fever	Sc. Fever	Ac. Polio.	Sc. Fever	Sc. Fever	Sc. Fever	Diph.
AWSWORTH ...	—	—	—	—	—	—	—	—	4	1	—	—	—	—	—	1
BESTWOOD ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
BRADMORE ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
BRINSLEY ...	—	1	—	—	—	—	—	—	—	—	—	—	2	—	—	—
BUNNY ...	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
COSSALL ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
COSTOCK ...	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
GOHAM ...	2	—	—	1	—	—	—	1	5	1	—	—	—	—	—	—
GREASLEY ...	1	—	—	2	—	—	5	4	13	3	—	—	1	1	2	—
KIMBERLEY ...	3	—	—	2	1	—	—	—	1	7	—	—	3	6	3	—
NUTHALL ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—
PAPPLEWICK ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RUDDINGTON ...	—	—	—	—	—	—	3	3	11	2	2	1	2	4	3	—
SELSTON ...	2	—	1	1	—	1	—	—	1	—	—	—	—	—	—	—
SUTTON BONINGTON ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
THORPE ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
THRUMPTON ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TROWELL ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS FOR BASFORD	9	1	1	7	1	1	8	9	36	13	11	1	16	12	13	1
<b>Outside Districts :</b>																
ALFRETON ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ARNOLD ...	—	—	—	1	—	—	—	—	—	2	—	—	—	—	—	—
BEESTON ...	1	—	—	1	—	—	3	—	—	—	—	—	—	1	—	—
BINGHAM ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CARLTON ...	2	—	—	1	—	—	1	1	—	—	1	—	—	2	1	1
EASTWOOD ...	1	—	—	—	—	—	1	—	—	1	—	—	3	1	1	—
HUCKNALL ...	—	—	—	—	—	—	—	—	—	—	—	—	2	1	1	—
KIRKBY ...	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
WEST BRIDGFORD ...	—	—	—	—	—	—	—	2	—	2	—	—	—	—	2	—
TOTALS FOR OUTSIDE DISTRICTS	4	—	—	4	—	—	5	3	—	5	1	—	4	5	5	1
TOTALS FOR ALL DISTRICTS	13	1	1	11	1	1	13	12	36	18	12	1	20	17	18	2



TABLE 9.

## Factories Acts, 1937 and 1948

1.—INSPECTION FOR PURPOSES OF PROVISIONS AS TO HEALTH (INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS).

Premises	Number on Register	Number of		
		Inspections	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	8	32	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	115	539	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	89	108	—	—
TOTAL ...	212	679	—	—

2.—CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness	2	2	—	—	—
Overcrowding ...	—	—	—	—	—
Unreasonable temperature ...	—	—	—	—	—
Inadequate ventilation ...	—	—	—	—	—
Ineffective drainage of floors ...	2	2	—	—	—
Sanitary Conveniences :					
(a) Insufficient ...	3	3	—	—	—
(b) Unsuitable or defective ...	18	18	—	—	—
(c) Not separate for sexes ...	—	—	—	—	—
Other offences (not including offences relating to home-work) ...	—	—	—	—	—
TOTAL ...	25	25	—	—	—

**TABLE 9 (continued).**

## OUTWORK

SECTIONS 110 AND 111.

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel: Making, etc.	183	—	—	—	—	—
Lace, lace curtains and nets	4	—	—	—	—	—
TOTALS ...	187	—	—	—	—	—

TABLE 10.

## Statistics relating to Water and Foul Drainage

1 Parish	2				3				4				5			
					Number of Dwellings											
					Piped Water Supply		Sewerage									
					With	Without	Sewered	Unsewered								
Annesley ... ..	...	...	...	253	4	—	250	7								
Awsorth ... ..	...	...	...	404	—	—	392	12								
Barton ... ..	...	...	...	63	—	—	—	63								
Bestwood Park ... ..	...	...	...	202	—	—	178	24								
Bradmore ... ..	...	...	...	69	—	—	—	69								
Brinsley ... ..	...	...	...	496	—	—	468	28								
Bunny ... ..	...	...	...	165	5	—	—	170								
Burton Joyce ... ..	...	...	...	672	1	—	665	8								
Calverton ... ..	...	...	...	407	6	—	—	413								
Clifton ... ..	...	...	...	70	8	—	—	78								
Cossall ... ..	...	...	...	352	2	—	147	207								
*Costock ... ..	...	...	...	40	90	—	90	40								
East Leake ... ..	...	...	...	355	7	—	340	22								
Felley ... ..	...	...	...	4	—	—	—	4								
Gotham ... ..	...	...	...	390	7	—	362	35								
Greasley ... ..	...	...	...	997	4	—	948	53								
Kimberley ... ..	...	...	...	1361	—	—	1328	33								
*Kingston-upon-Soar ... ..	...	...	...	5	66	—	—	71								
Lambley ... ..	...	...	...	276	6	—	—	282								
Linby ... ..	...	...	...	62	—	—	—	62								
Newstead ... ..	...	...	...	604	10	—	378	236								
Normanton-on-Soar ... ..	...	...	...	80	7	—	—	87								
Nuthall ... ..	...	...	...	594	4	—	569	29								
Papplewick ... ..	...	...	...	191	—	—	—	191								
*Ratcliffe-upon-Soar ... ..	...	...	...	—	39	—	—	39								
*Rempstone ... ..	...	...	...	—	74	—	—	74								
Ruddington... ..	...	...	...	1260	—	—	1240	20								
Selston ... ..	...	...	...	2552	—	—	2490	62								
Stanford-upon-Soar ... ..	...	...	...	45	—	—	—	45								
Stoke Bardolph ... ..	...	...	...	58	—	—	58	—								
Strelley ... ..	...	...	...	37	—	—	—	37								
Sutton Bonington ... ..	...	...	...	280	31	—	251	60								
*Thorpe-in-the-Glebe ... ..	...	...	...	—	9	—	—	9								
Thrumpton ... ..	...	...	...	40	—	—	—	40								
Trowell ... ..	...	...	...	424	—	—	213	211								
*West Leake ... ..	...	...	...	—	34	—	—	34								
Willoughby-on-the-Wolds ... ..	...	...	...	—	114	—	—	114								
Woodborough ... ..	...	...	...	226	1	—	—	227								
*Wysall ... ..	...	...	...	—	55	—	—	55								
TOTALS ... ..	...	...	...	13034	584	—	10367	3251								
% ... ..	...	...	...	96	4	—	76	24								

NOTES: Column 1: Parishes marked thus (\*) are in contract for laying of water mains to dwellings in Column 3.

Column 5: Unsewered properties have either opportunity of use of a Cesspool Emptier or have nightsoil collected at intervals or have in part small sewage disposal tanks under the control of the Council.—Two new Drainage Schemes await starting date at Bestwood Park and Trowell.





GEORGE SEARSON  
BLUE BELL HILL ROAD  
NOTTINGHAM